

State	Proj. No.	Sheet No.
MO		
Sec./Sur.	Twp.	Rge.

Design Specifications:

AASHTO 1996 and Interim 1997

Design Loading:

1993 Missouri Posting Loads (H20 & 3S2)  
No Future Wearing Surface

Design Unit Stresses:

Structural Carbon Steel  $F_y = 36,000$  psi (New Steel)  
 Exist. Steel  $F_y =$  psi  
 Working Stress Design = 68% of  $F_y$  (Existing)

Point:

Calcium Sulfonate (2 coats) (see Special Provisions)

### Old and New Work:

Outline of old work is indicated by light dashed lines.  
Heavy lines indicate new work.

Dimensions:

Longitudinal dimensions are based on the original design plans.

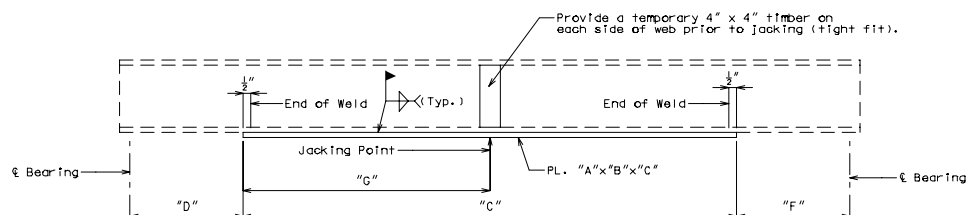
Traffic:

Maintain one lane of traffic during construction (see Roadway Traffic Control Plans).

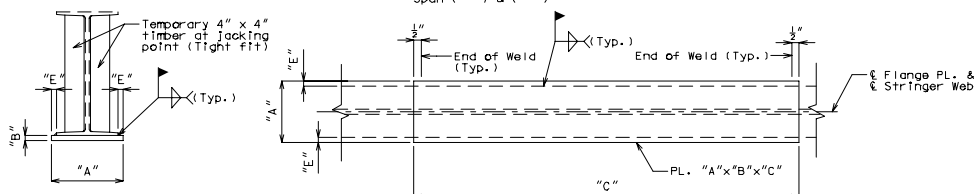
Stringer Support:

All existing stringers in the span being strengthened shall be raised simultaneously \* at jacking point and supported during welding of new steel plates.

The temporary supports must be capable of safely supporting a service load of approximately ~~10~~ tons per stringer (factor of safety not included) (see Special Provisions).

[illegible]

TYPICAL ELEVATION OF STRINGER  
Span ( ) & ( )



SECTION THRU STRINGER

DETAIL OF FLANGE PLATE

[illegible]

Note: This drawing is not to scale. Follow dimensions.

Sheet No.      of

REPAIRS TO  
BRIDGE OVER

STATE ROAD FROM  
ABOUT

PROJECT NO.  
JOB. NO.

STA.  
RTE.

COUNTY \_\_\_\_\_  
Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

WID 5

Designed  
Detailed  
Checked

CREATED IN MICROSTATION